

Examiner: David SAMPLE
Art Unit: 1755
Facsimile: 703-305-3599

Docket No.: NHL-SCT-21 US
Serial No.: 09/758,903
Telephone: 703-308-3825

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semiconductor layer and in ohmic contact therewith; and
a second electrical contact disposed upon said transparent
conductive oxide film.

REMARKS

This Preliminary Amendment is being submitted in order to place the present application in a better condition for examination. Specifically, Claims 1-20 have been canceled and Claims 21-40 are newly presented herein. Care has been taken to avoid the introduction of new matter. None of the changes submitted in this Preliminary Amendment are to be construed as having any effect on the scope of the subject matter being claimed, as they are merely being presented for clarification purposes, as stated above. All of the changes made in this Preliminary Amendment are without prejudice, so that the matter deleted may be reintroduced as necessary for prosecution of the application.

Summary and Conclusion:

It is submitted that Applicant has provided a new and unique FLAT PANEL LIQUID-DISPLAY SUCH AS FOR A LAPTOP COMPUTER. It is submitted that the claims, as now submitted, are fully distinguishable over the prior art. Therefore, it is requested that a Notice of Allowance be issued at an early date.

If mailed, I, the person signing this certification below,

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hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner For Patents, Washington, D.C. 20231, on the date indicated in the certification of mailing on the transmittal letter sent herewith, or if facsimile transmitted, I, the person signing this certification below, hereby certify that this paper is being facsimile transmitted to the United States Patent and Trademark Office on the date indicated in the certification of facsimile transmission on the transmittal letter which is being facsimile transmitted herewith.

Respectfully submitted,



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ABSTRACT OF THE DISCLOSURE

Flat panel liquid-crystal displays, such as for laptop computers. The displays include twisted nematic displays, supertwisted nematic displays, active matrix liquid-crystal displays, thin film transistor displays, and plasma addressed liquid-crystal displays. The displays are furnished with glass substrates. The glass substrates exhibit high resistance to thermal shock, a high transparency over a broad spectral range in the visible and ultra violet ranges and the glass being configured to be free of bubbles, knots, inclusions, streaks, and surface undulations, which glass substrates are made from alkali-free aluminoborosilicate glasses. There are also provided analogous thin-film photovoltaics.